

Clinical Trial Protocol

Iranian Registry of Clinical Trials

05 Jul 2026

Clinical trial of effect of multimedia parent management training vs face to face method and non method acting on parents of 3-10 years old children with oppositional defiant disorder on the rate of Oppositional Defiant Disorder such as conduct Problems, hyperactivity and anxiety

Protocol summary

Summary

This study intended to determine the efficacy of Multimedia-Parent Management Training (M-PMT) for treatment of children with Oppositional Defiant Disorder (ODD). For this random controlled trial, 45 mothers of 3-10 years old children with ODD who referred to Doctor Shaikh and Ibn-e Sina Hospitals, Mashhad, Iran will be assessed. They will be divided by simple random allocation into three groups. Inclusion criteria for participants are: ability and interest in participating in training sessions and it is necessary that mothers have at least high diploma and exclusion criteria includes: literacy under high school diploma; having psychological disorders; having children with co-morbid disorders such as medical or neuropsychiatric problems. We will provide parent management training via face to face method (PMT) for the first group and multimedia parent management training (M-PMT) for the second group, the third group will be given no treatment. Training program will run during 8 sessions each last one hour. Intervention is cognitive-behavioral therapy. Primary outcome measures is consisted of assessment of parent management, behavioral problems, hyperactivity, impulsive behaviors, anxiety and level of learning in children. Data will be assessed with Bamerind and Conner's parents' questionnaires before and after the intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201202299175N1**
Registration date: **2013-01-23, 1391/11/04**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-01-23, 1391/11/04

Registrant information

Name

Lida Jarahi

Name of organization / entity

Mashhad University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research of Mashhad University of Medical Sciences

Expected recruitment start date

2010-11-22, 1389/09/01

Expected recruitment end date

2011-05-22, 1390/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial of effect of multimedia parent management training vs face to face method and non method acting on parents of 3-10 years old children with oppositional defiant disorder on the rate of Oppositional Defiant

Disorder such as conduct Problems, hyperactivity and anxiety

Public title

Effectiveness of multimedia-Parent Management Training

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion Criteria: mothers with ability and interest in participating training sessions, having diploma at least
Exclusion criteria: Literacy under diploma; mothers or children with Neuropsychiatric problems

Age

From **3 years** old to **10 years** old

Gender

Both

Phase

1

Groups that have been masked

No information

Sample size

Target sample size: **45**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

Parents with 3-10 years old children with oppositional defiant disorder who referred to Ibne Sina and DR Shaikh Hospitals will split into three groups of control, multimedia training, face to face learning respectively

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethic committee of Mashhad University of Medical Sciences

Street address

Pardis of university, Azadi square, Mashhad, Iran

City

Mashhad

Postal code

9177948974

Approval date

2010-09-23, 1389/07/01

Ethics committee reference number

88630

Health conditions studied**1****Description of health condition studied**

Oppositional defiant disorder

ICD-10 code

f91.3

ICD-10 code description

Oppositional defiant disorder

Primary outcomes**1****Description**

hyperactivity

Timepoint

Before intervention and 2 months later

Method of measurement

Conner's parent questionnaire in hyperactivity

2**Description**

parent management

Timepoint

Before intervention and 2 months later

Method of measurement

Bamerind parents questionnaire

3**Description**

behavioral problems

Timepoint

Before intervention and 2 months later

Method of measurement

Conner's parents questionnaire in behavioral problems

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention method in second experimental group is multimedia software of parental management training shown to the subjects during 8 weekly sessions each last 1 hour.

Category

Behavior

2**Description**

Intervention method in first experimental group is parental management training via face to face method during 8 weekly sessions each last 1 hour.

Category
Behavior

3

Description

The control group will not receive any intervention.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Dr Shaikh Hospital

Full name of responsible person

Dr Hamid Ebadi

Street address

Taheri Street, Touhid Square, Mashhad

City

Mashhad

2

Recruitment center

Name of recruitment center

Ibne Sina Hospital

Full name of responsible person

Dr Maryam Tavakoli

Street address

Ibn-e-Sina psychiatric Hospital, Horre ameli
avenue,boo Ali square Mashhad

City

Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Mashhad University of
Medical Sciences

Full name of responsible person

Dr Mohsen Tafaghodi

Street address

Department of pharmaceuticals,School of pharmacy,
Pardis of University, Azadi Square, Mashhad,

City

Mashhad

Grant name

Grant code / Reference number

**Is the source of funding the same sponsor
organization/entity?**

Yes

Title of funding source

Vice chancellor for research, Mashhad University of
Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Lida Jarahi

Position

Specialist of community medicine

Other areas of specialty/work

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Name of organization / entity

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Position

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Web page address**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty